

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

WATT et al.

Atty. Ref.: 550-472

Serial No. to be assigned

Group: Unknown

Filed: November 17, 2003

Examiner: Unknown

For: EXCEPTION HANDLING CONTROL IN A SECURE PROCESSING  
SYSTEM

\* \* \* \* \*

November 17, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, a copy of each of which is enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

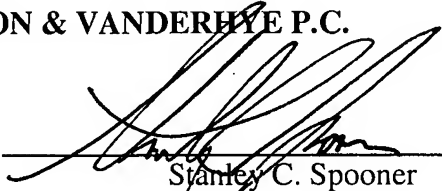
Also enclosed are copies of two Search Reports from the British Patent Office.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

**NIXON & VANDERHYTE P.C.**

By: \_\_\_\_\_

  
Stanley C. Spooner  
Reg. No. 27,393

SCS:dbd  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

## INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

550-472

**APPLICANT**

WATT et al.

FILING DATE

November 17, 2003

SERIAL NO.

to be assigned

GROUP

Unknown

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

[illegible]

**\*Examiner**

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.



INVESTOR IN PEOPLE

Application No: GB 0226908.2  
Claims searched: 1-20

Examiner: Nigel Hanley  
Date of search: 18 July 2003

## Patents Act 1977 : Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	1,11	US 5684948 A NATIONAL - See whole document. Note selection of exception handler based on operating mode of the processor.
A		US 6324635 B ATI - See Abstract and Column 7 Line 1-49. Note selection of an exception handler on an extended address of a memory access request.
A		US 5479616 A CYRIX - See whole document especially Column 4 Line 40 - Column 5 Line 19. Note selection of exception handler on basis of a register value.
A		US 6308243 B SANYO - See whole document. Note use of semaphores to identify an exception handler to be used.
A		EP 0525831 A1 MOTOROLA - See Page 21 Line 56 - Page 22 Line 13. Note processor reading a register as a trigger to invoke exception handling and using a vector number to identify the appropriate exception handler.

### Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>V</sup>:

G4A

Worldwide search of patent documents classified in the following areas of the IPC<sup>7</sup>:

G06F

The following online and other databases have been used in the preparation of this search report:

ONLINE: WPI, EPODOC, JAPIO



INVESTOR IN PEOPLE

**Application No:** GB 0303449.3  
**Claims searched:** 1-28

**Examiner:** Nigel Hanley  
**Date of search:** 26 September 2003

## Patents Act 1977 : Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance	
A		WO 1999/038073 A1	NOKIA - See whole document especially Fig 6c & 8 and Page 31 Line 19-Page 32 Line 19. Note communication between two operating systems running on the same processor using interrupt routines.
A		EP 1162536 A1	HITACHI - See whole document. Note switching of operating systems which share only the system clock and an interrupt controller.
A		EP 1054322 A2	HITACHI - See whole document. Note switching of operating systems using interrupts.
A,E		US 6604123 B1	LUCENT - See whole document. Note concept of portals between protection domains under a single operating system.

### Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>v</sup>:

G4A

Worldwide search of patent documents classified in the following areas of the IPC<sup>v</sup>:

G06F

The following online and other databases have been used in the preparation of this search report:

ONLINE: WPI, EPODOC, JAPIO